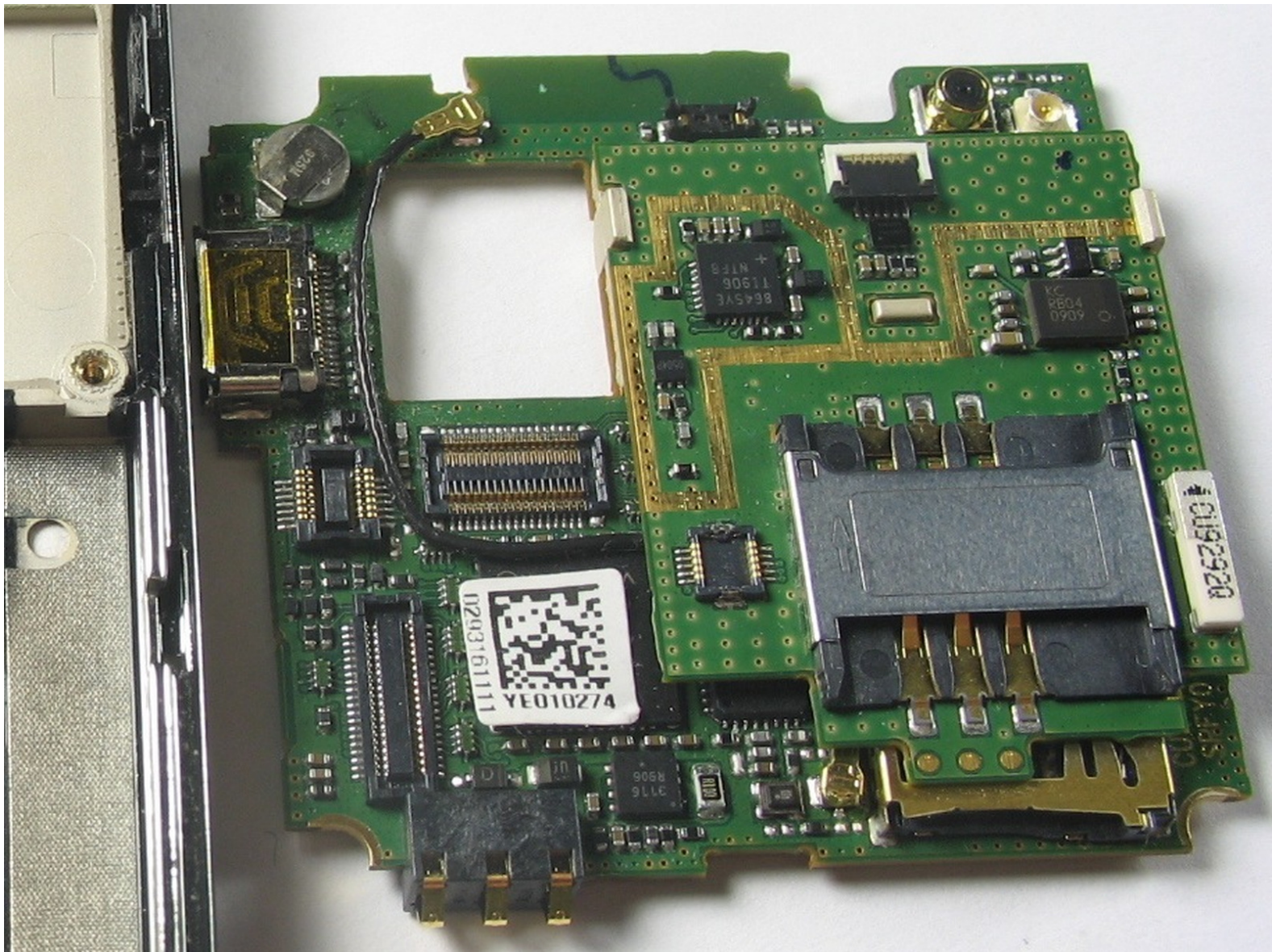




LG Vu CU920 Motherboard Replacement

This guide will outline the process of replacing the LG Vu CU920 Motherboard

Written By: Gregory Davis



INTRODUCTION

This guide will show you how to disassemble the LG Vu CU920 and remove its motherboard. You will need to handle several 3.5mm screws and remove small components from the motherboard.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Battery



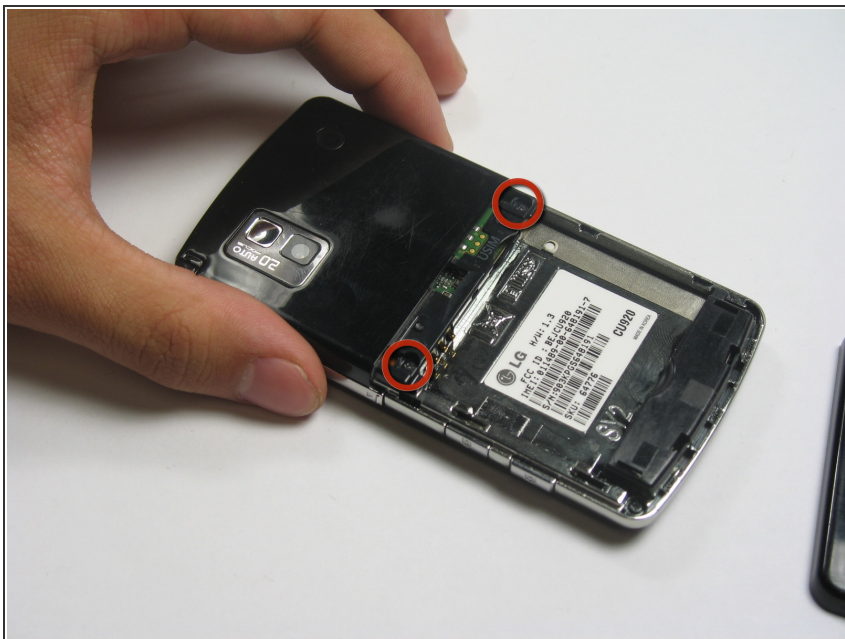
- Remove the back cover by firmly pressing against the indent on the back panel. Slide the cover downward and off the phone.

Step 2



- Remove the battery by placing your fingernail or an opening tool at the bottom edge of the battery and lift it out.

Step 3 — Motherboard



- Remove the two 3.5mm screws above the battery port with a Philips #00 screwdriver.

Step 4



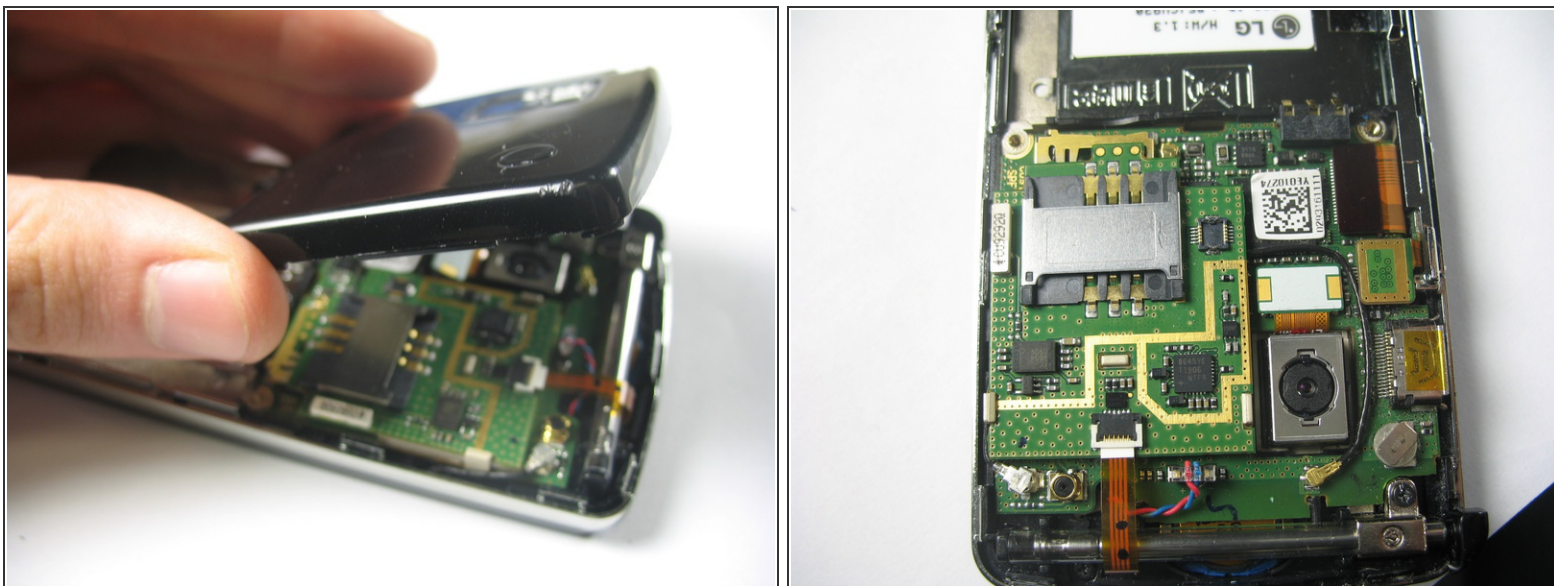
- Pull out the antenna to reveal a third screw.
- Remove the 3.5mm screw with Philips #00 screwdriver.

Step 5



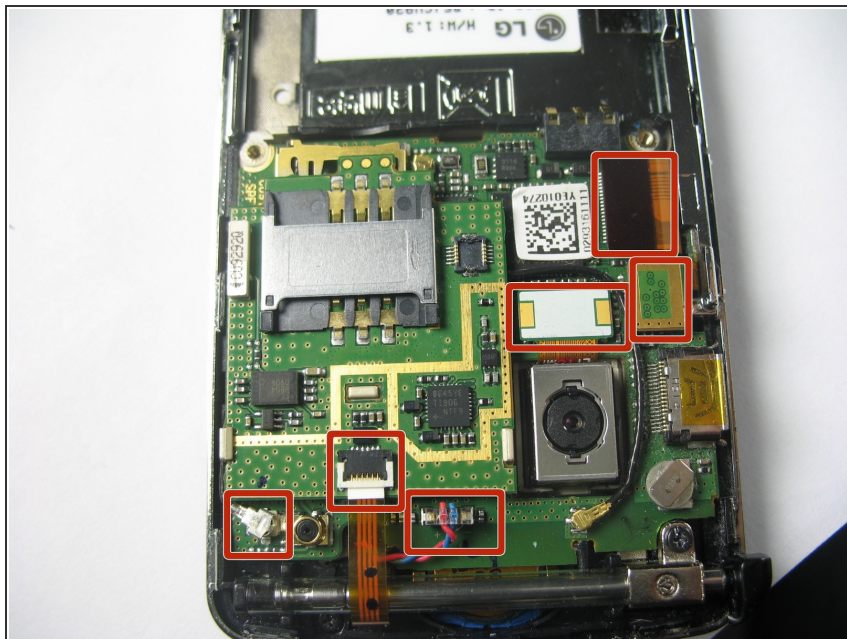
- Locate the plastic tab next to the charging port and use a plastic opening tool to gently pop it out.
- Use the plastic opening tool to pry up the edges of the plastic casing. You should be able to slide it around the edge to dislodge it.

Step 6



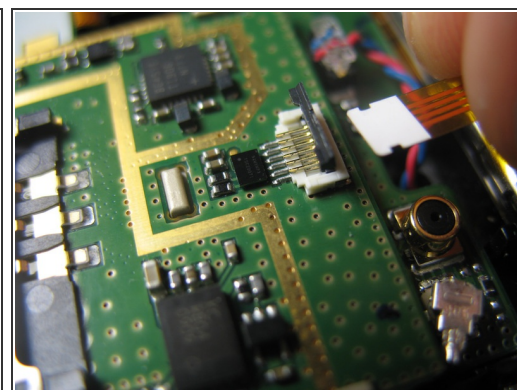
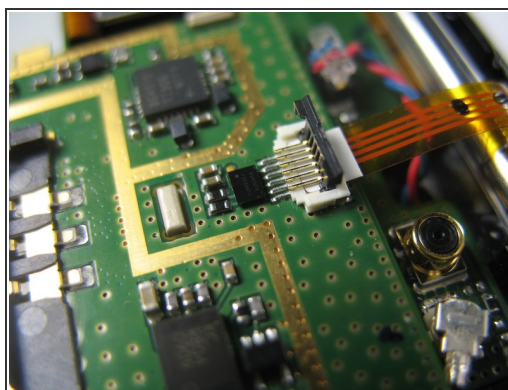
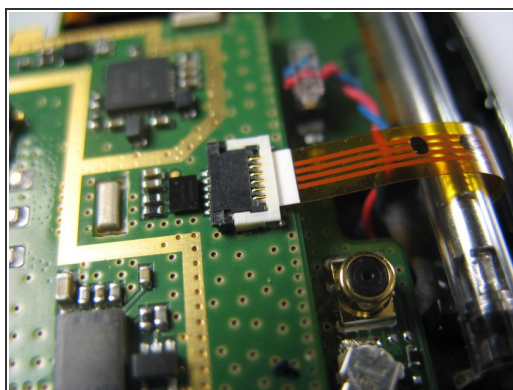
- Remove the plastic covering to reveal the motherboard.

Step 7



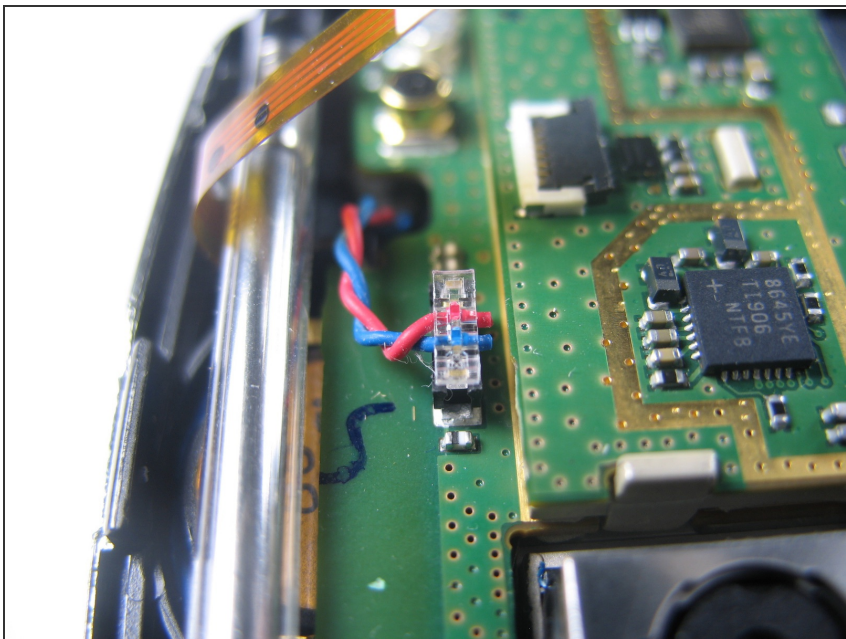
- Locate these six components on the motherboard. They must be detached before the motherboard can be removed.

Step 8



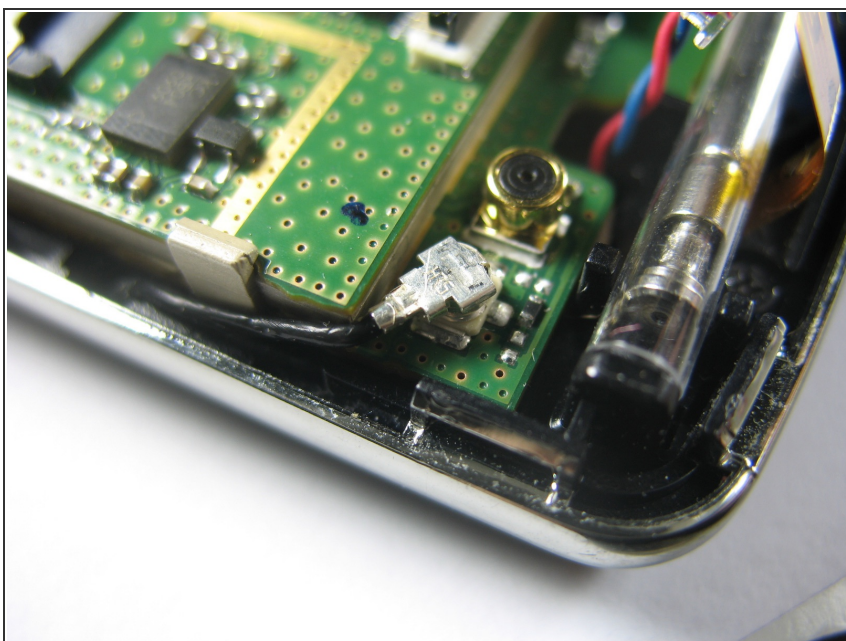
- Gently lift the ZIF connector (black tab) holding the ribbon cable in place. When it is in the upright position, the cable can be removed from the back side.

Step 9



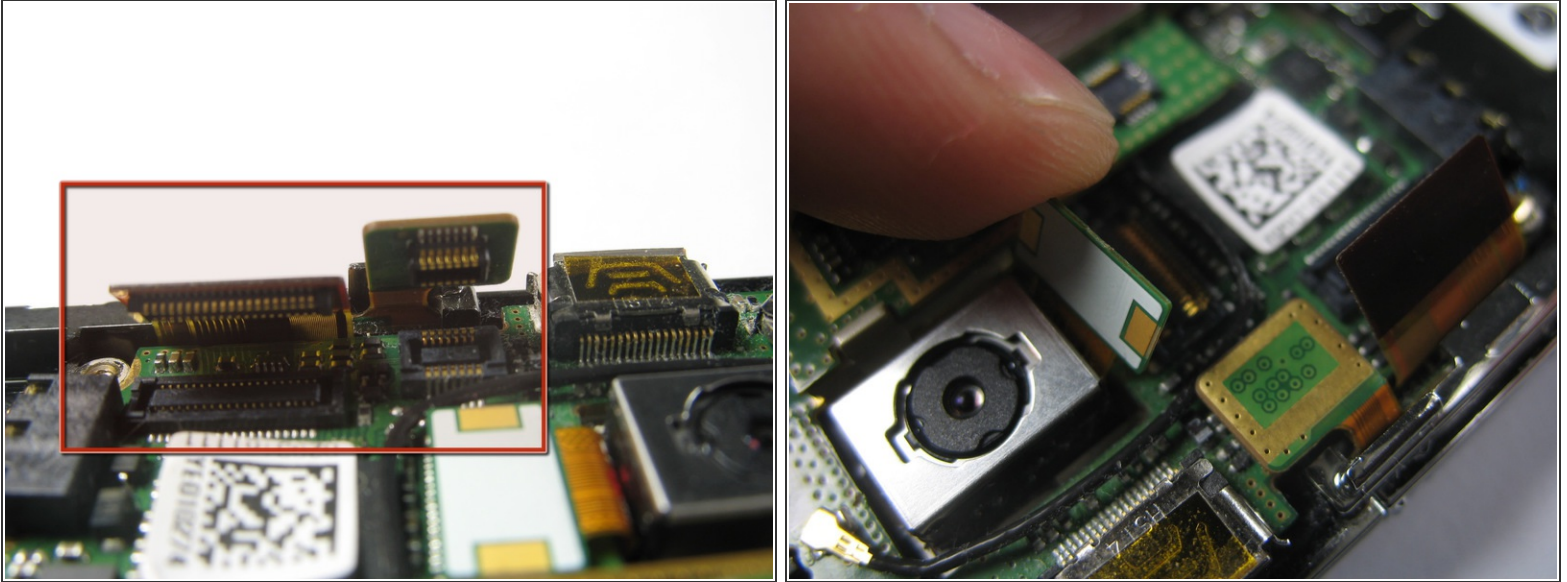
- Remove the jack attached to the red and blue wires by carefully pulling it upward from the motherboard.

Step 10



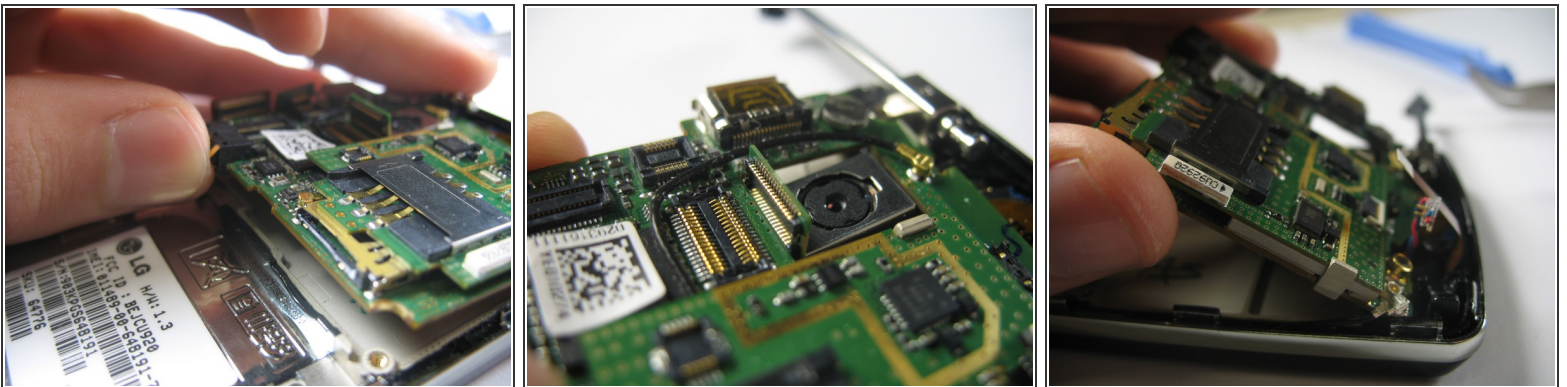
- Remove the round jack connected to the black cable by carefully prying it up from beneath with a spudger or plastic opening tool.
- ⓘ This jack snaps on, so there will be more resistance than there was with the previous jack.

Step 11



- The remaining three ribbon cables can be removed by gently lifting them by the ends opposite the cables with a plastic opening tool or spudger until they pop out.

Step 12



- To remove the motherboard, gently pry it up with your finger from the charging port.
- ⚠ Be careful not to yank the camera's ribbon cable as you lift the board. Make sure that it is in line with its hole in the motherboard.
- Once the board has been lifted, remove it by pulling it away from the connected edge.

To reassemble your device, follow these instructions in reverse order.

